

# **UAE Progress Report**

## **Support Implementation of International Instruments**

The United Arab Emirates (UAE) organized in Abu Dhabi in June 2010 a Regional Seminar on the Implementation of Legislation of Nuclear Security, Safety and Safeguards.

The UAE's independent nuclear regulator, the Federal Authority for Nuclear Regulation (FANR), and the International Atomic Energy Agency (IAEA) have jointly organized the Workshop on the Legal Infrastructure Supporting the Development of a Nuclear Energy Programme.

## **Support International Initiatives regarding Nuclear Security**

The UAE has accepted the amendment to the convention on the physical protection of nuclear material (CPPNM) before the last Summit (in 2009)

The UAE actively supports the activities of the International Atomic Energy Agency in order to enhance nuclear security worldwide through regular bilateral meetings, establishment and maintenance of its Integrated Nuclear security Support Plans and by providing experts to Technical Meetings regarding the development of Nuclear Security Series publications, especially the finalization of INFCIRC/225/Rev.5 in January 2011. The UAE is a partner of the Global Initiative to Combat Nuclear Terrorism and hosted the Plenary Meeting, in June 2010, in Abu Dhabi.

## **Contribute towards efforts on Proliferation Reduction**

The UAE among 9 other countries created the Non-Proliferation and Disarmament Initiative (NPD). The NPD group has made many contributions so far to facilitate the implementation of the action plan adopted at the 2010 NPT review conference.

The UAE pledge \$10 million to support an IAEA-administered international uranium fuel bank initiative.

The UAE government made financial contribution to related projects such as project by UNIDR on "Multilateral Approaches to the Nuclear Fuel Cycle". As a result, several activities were convened as part of the study. These activities are ranging from publications to briefings, workshops and other events.

## **Enhance National Nuclear Security Infrastructure**

Several new Regulations were issued in the UAE related to nuclear security by the Federal Authority for Nuclear Regulation :

- (i) Physical Protection including Access Controls: provide requirements for a Physical Protection Programme at a Nuclear Facility in order to prevent, mitigate and respond to acts of radiological sabotage and the theft of nuclear material.
- (ii) Emergency Preparedness at a Nuclear Facility: specifies FANR's requirements for the licensee's preparation, planning for and response to emergencies at nuclear facilities.
- (iii) Transportation of Radioactive Materials: establishes the requirements for the transport of radioactive material, as defined in the IAEA Safety Standards.
- (iv) Regulation for the System of Accounting for and Control of Nuclear Material and Application of Additional Protocol.

## **Develop National Security Infrastructure for Radioactive Materials**

The UAE has charged the Federal Authority for Nuclear Regulations (FANR) to establish a regulatory infrastructure regarding the management of radioactive material. In addition to issuance of relevant

regulation, several workshops have been organized in the UAE with law enforcement agencies and users of radioactive sources at national level, as well as international level in collaboration with the World Institute for Nuclear Security (WINS).

### **Strengthen National Capacity Building**

The UAE have created a dedicated mechanism to fund ongoing human resource development program regarding its nuclear power program, including training and retraining of operators, inspectors and regulators. During the IAEA's International Conference on Human Resource Development, being held in Abu Dhabi in March 2010, the UAE and the US agreed to establish the Gulf Nuclear Energy Infrastructure Institute (GNEII) in Abu Dhabi, an educational institution that will provide classroom instruction and hands-on experience in nuclear energy safety, security, safeguards and non-proliferation. First year Pilot programme was successfully concluded in 2011, and Second year programme is underway in 2012.

### **Reinforce Protection of Sensitive Information**

Critical National Infrastructure Agency (CNIA) issued the Information Protection Program Operating Manual. Implementation of the manual will ensure the protection of sensitive nuclear information. It will allow to securely exchanging nuclear-related information at national and international levels as appropriate.

### **Enhance Efforts in Combating Illicit Nuclear Trafficking & Reinforcing National Detection Capacity**

The UAE is party in the international information sharing on the illicit trafficking of nuclear materials through its participation of the IAEA Illicit Trafficking Database (ITDB).

The UAE has established, under Federal Law by Decree No. 13 of 2007, a legal regime for commodities that are subject to import and export control procedures, including the list of export-controlled technologies addressing nuclear materials, technologies and equipment.

The Implementation of the law and associated regulation continues to contribute to shutting down and prevention of money laundering and proliferation of dual-use and dangerous materials banned under the Nonproliferation Treaty and multiple UN resolutions.

UAE through bilateral assistance developed its ports control including the Megaports initiative which involves the installment of detection equipment as well as training of personnel in UAE ports.